

Mohammad Baker Abbas

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PROFESSIONAL SUMMARY

Ambitious and motivated Computer Science student with strong foundations in Java, C++, SQL, Object-Oriented Programming, Data Structures, and backend development. Currently expanding expertise in full-stack web development using React, TypeScript, Laravel, and Node.js. Passionate about AI technologies, cybersecurity, and scalable software solutions. Experienced in problem solving, technical troubleshooting, and team collaboration through both academic projects and real-world customer-facing work. Seeking a software engineering internship to gain real-world industry experience, strengthen technical and professional skills, complete the university Practical Training requirement, and prepare for a long-term full-time software engineering career.

TECHNICAL SKILLS

- Programming Languages: Java (Advanced), C++, Python, SQL, JavaScript, TypeScript
- Frontend: HTML, CSS, JavaScript, React, Responsive UI Development
- Backend: Laravel Framework, Node.js, REST APIs, MySQL
- AI & Emerging Technologies: RAG Systems, Streamlit Applications
- Cybersecurity: Authentication & Authorization, CIA Triad, Security Fundamentals
- Tools & Platforms: Git/GitHub, IntelliJ IDEA, Visual Studio, MySQL Workbench
- Systems & Hardware: PC Building, Troubleshooting, Hardware Compatibility, Basic Linux

PROJECTS

Interactive Algorithm Learning Platform

- Developed a full-stack web platform for learning and visualizing algorithms and data structures using React, Laravel, Node.js, HTML, CSS, and JavaScript.
- Designed interactive visual demonstrations for sorting and searching algorithms to improve user learning experience.
- Implemented backend APIs and responsive frontend interfaces following scalable application structure.

University Management System (Java + MySQL)

- Built a backend management system to manage students, courses, grades, and departments.
- Applied Object-Oriented Programming principles and integrated MySQL database with CRUD operations.

WORK EXPERIENCE

Sales Associate – All Computer Supplies | Beirut, Lebanon | Jan 2023 – Feb 2024

- Advised customers on computer hardware including GPUs, CPUs, motherboards, and accessories.
- Developed strong technical troubleshooting and hardware compatibility knowledge.
- Strengthened communication, customer service, and problem-solving skills in a fast-paced environment.
- Worked collaboratively in a team environment while handling customer technical recommendations.

EDUCATION

Bachelor of Science in Computer Science

Al Maaref University – Beirut, Lebanon | Expected Graduation: June 2026

ADDITIONAL INFORMATION

- Languages: Arabic (Native), English (Fluent)
- Soft Skills: Problem Solving, Team Collaboration, Adaptability, Critical Thinking, Fast Learner